

**CLAIMS**

1. A nozzle for a sealant cartridge, the nozzle having a threaded inlet end portion for attachment to an outlet of a sealant cartridge and a body portion that extends away from the inlet end portion, the body portion having a cavity which  
5 tapers inwardly from the inlet end portion towards a nozzle outlet, the cavity being characterised in that the cross-sectional profile of the nozzle outlet of the body portion is triangular, arcuate or crescent shaped so as to produce a correspondingly shaped bead.
2. A nozzle according to claim 1, wherein the nozzle outlet shape is a crescent  
10 and crescent shape comprises intersecting parabolic, elliptical or irregular arcs.
3. A nozzle according to claim 1, wherein the nozzle outlet shape is a crescent and the crescent shape comprises intersecting circular arcs.
4. A nozzle according to claim 3, wherein the arc shapes are defined according to a predetermined ratio of diameters.
- 15 5. A nozzle according to claim 4, wherein the ratio is 1:1.2.
6. A nozzle according to any one of claims 4 or 5, wherein the arc having a relatively smaller diameter forms a semi-circle.
7. A nozzle of claim 1, wherein the nozzle outlet shape is arcuate with one side comprising a parabolic, elliptical or irregular arc and the other side being a  
20 straight line.
8. A nozzle of claim 1, wherein the nozzle outlet shape is substantially triangular.
9. A nozzle according to any preceding claim, wherein the cavity has a shape corresponding to the shape of the nozzle outlet.
- 25 10. A nozzle according to any preceding claim, wherein the nozzle has a shoulder portion intermediate the inlet end portion and body portion, said shoulder

portion including ribs to assist a user to grip the nozzle during attachment to and detachment from a cartridge.

11. A nozzle according to any preceding claim, wherein the cavity has a generally uniform crescent profile, of differing size according to the taper, from the  
5 nozzle outlet to at least a mid-point of the body portion away from the nozzle outlet.